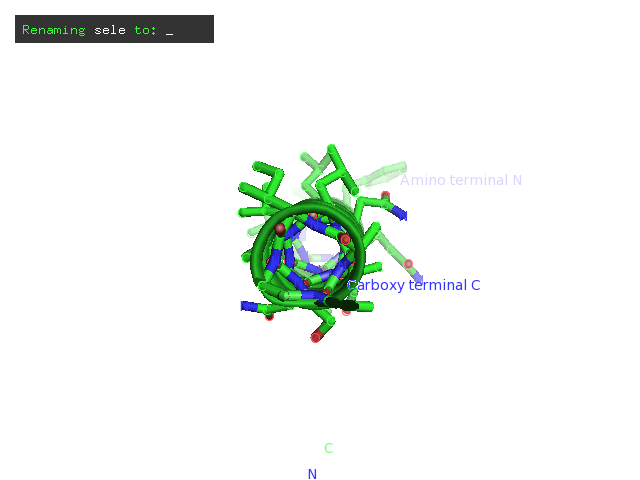
1.figure 1

Figure 1: Looking down the molecule

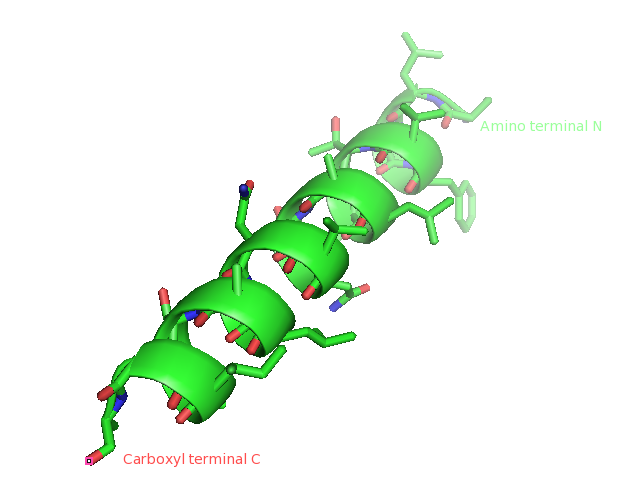
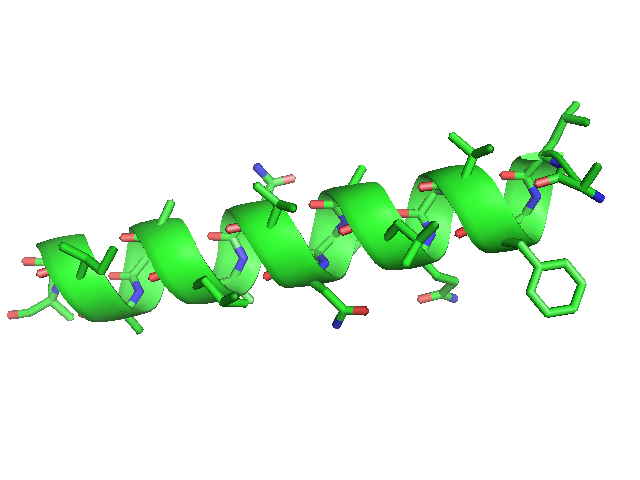
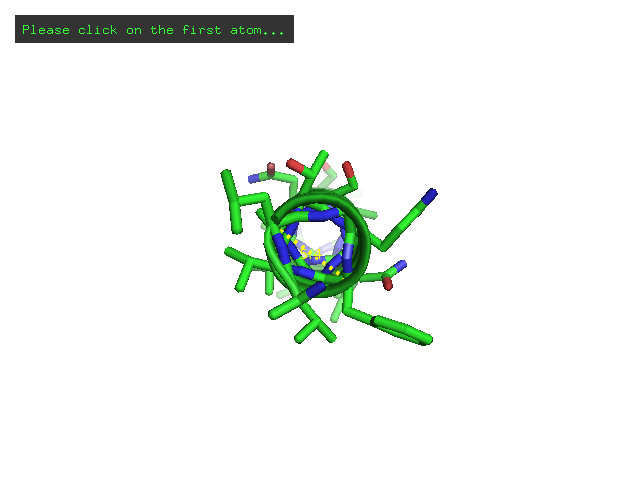
figure 2

Figure 2: Looking at the Helix Axis

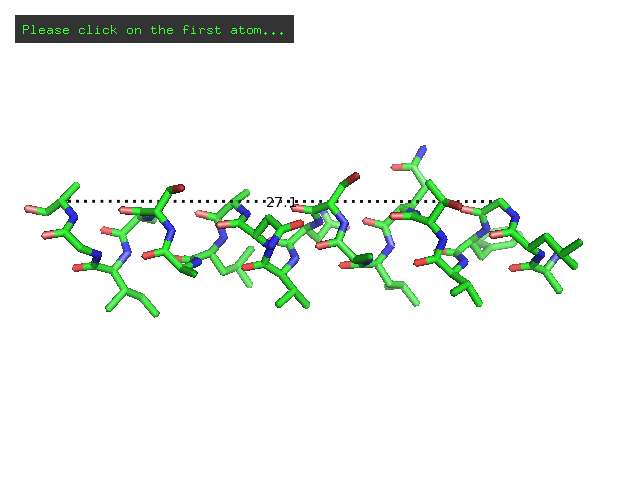
2. figure 3

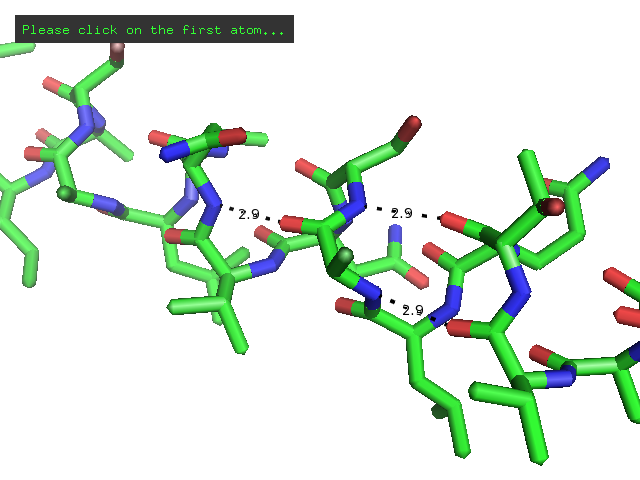
Number of Residues: 21

Residues per turn: 3

3. Width: 5.4 Angstroms figure 4

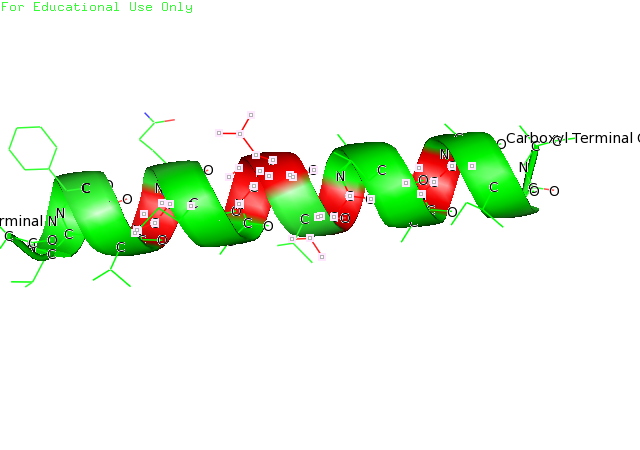
4. Pitch 27.1/5=5.42 Angstroms

figure 5

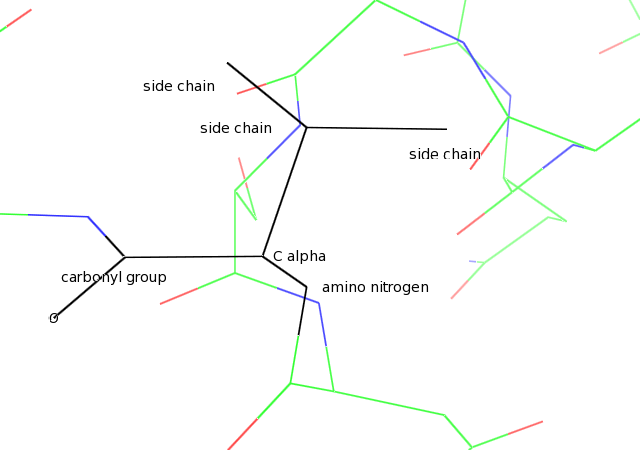
5. figure 6

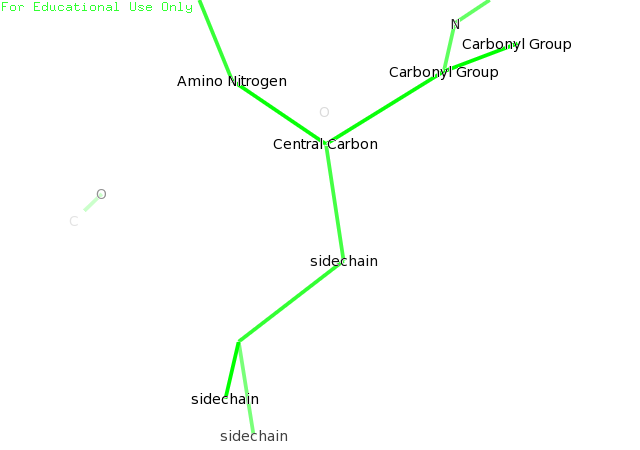
This is alpha helix, average 2.9 angstroms, no variation

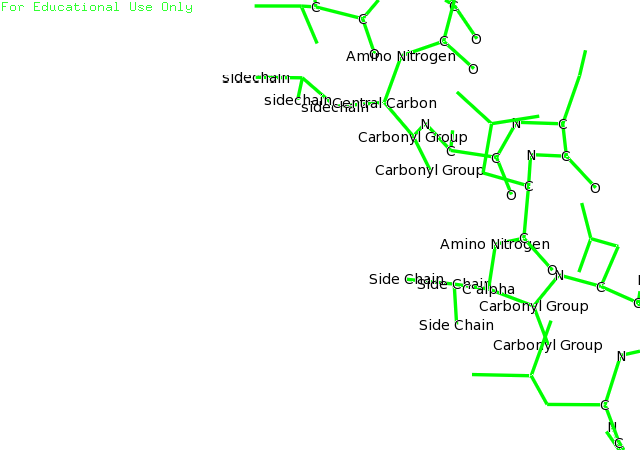
2.8 angstroms so a hydrogen bond would form

6. figure 7

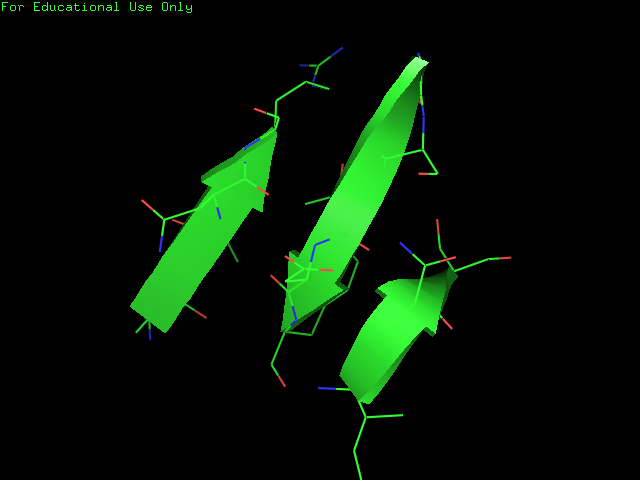
Blue parts are missing in this helix, red parts are outside because they are polar

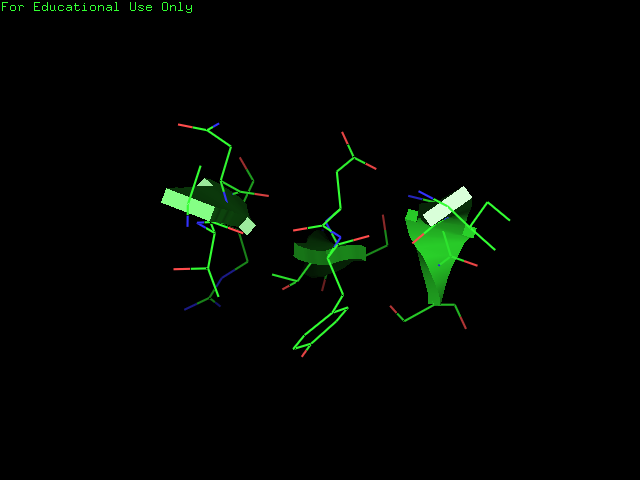
7. val 12

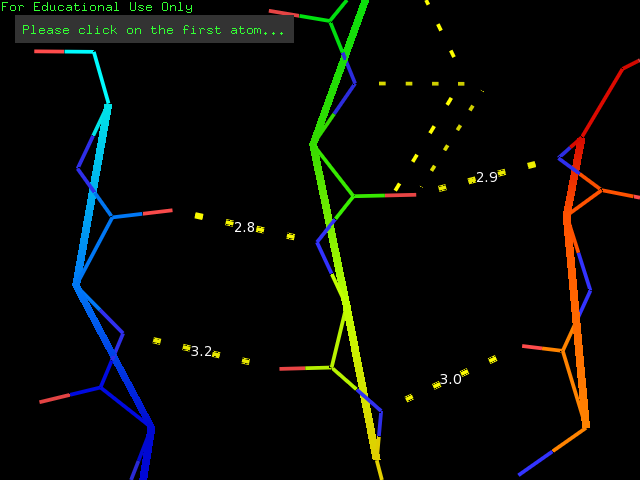
8.  leu8 figure 8a

figure 9

They are on the CIS side

9. figure 10

figure 11

10. figure 12

The measurement of Beta molecules are very close to the measurement of helix